

D.23 LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

The following attachments are made a part of this solicitation and any resultant agreement.

TITLE	
Exhibit A	
Exhibit F	Safety Standards
Exhibit G	Emergency Equipment Shift Ticket OF-297
Exhibit H	Terms & Conditions for States
Exhibit I	Contractor Associations and Public Education Providers
Exhibit J	Advantages
Exhibit K	Not Applicable
Exhibit L	Geographic Area Map
Exhibit M	Forms and Checklists
	1) ENGINE Pre-Season Inspection Form
	2) Chainsaw and Chainsaw Kit Inspection Checklist
	3) SUPPORT WATER TENDER Pre-Season Inspection Form
	4) TACTICAL WATER TENDER Pre-Season Inspection Form
	5) Aftermarket Equipment Certification
	6) Manifest Form
Exhibit N	Qualifications - Wildland Fire Personnel Qualification Requirements
Exhibit O	Qualifications - Training & Qualifications Requirements for Non-NWCG Entities

EXHIBIT A DEFINITIONS AND ABBREVIATIONS

The specific meanings of terms used in this specification may be found in the Glossary of Terms of the Fireline Handbook, NWCG Handbook 3; PMS 410-1; NFES 0065, and any other prevailing current NWCG publication unless otherwise defined herein; the definitions provided in this exhibit are included in every solicitation (i.e., boilerplate), therefore some of the definitions may not be applicable to the solicitation you are responding to:

AGENCY

AGENCY COOPERATOR Local Government entities available through agreement to assist the Federal and State Government agencies.

AGREEMENT References the Blanket Purchase Agreement documented on the SF-1449/OF-294, and its attachments.

CAMPSITE Any area designated by the Government where there are facilities in support of an incident.

CCR Contractor Central Registration

CJRL Cotton Jacket Rubber Lined

CMVSA Commercial Motor Vehicle Safety Alliance

CO Contracting Officer

COR **GOVERNMENT** agent/employee responsible for assisting in the administration of the agreement and who has been designated by the Contracting Officer (CO).

CREW PERSON Basic wildland firefighter used to control and extinguish wildland fires and works as a member of an engine crew under the supervision of a higher qualified individual.

DESIGNATED DISPATCH POINT (DDP) Physical address where the resource is located as identified in VIPR.

DOZER BLADE CONFIGURATIONS:

- **FULL U BLADE** A blade that is designed to move large amounts of materials and will have a highly curved and tall face to the blade. This blade will normally have large side wings to carry material.
- **SEMI-U COMBINATION BLADE** A blade that is shorter, has less curvature and smaller side wings.
- **STRAIGHT BLADE** A blade that has no lateral curve or sidewalls.

EXCAVATOR ATTRIBUTES:

- **EXCAVATOR CLAMSHELL BUCKET** A two-sided bucket used on an excavator to dig in a vertical direction; the bucket is dropped while its jaw-like halves are open and digs as they close. Also known as a clamshell grab.

- **EXCAVATOR UP DOWN BLADE or DOZER BLADE** A blade mounted on the mainframe of the excavator raised and lowered with hydraulic cylinders. This blade will allow the machine to push material in a grading manner and stabilize the machine while it is working on surfaces that are not level.

EXCAVATOR, STEEP GROUND (STEEP GROUND EXCAVATOR in Section B) Purpose built or modified construction excavator that is capable of working on slopes greater than 45 percent. These excavators may be Feller Buncher carriages with a bucket and hydraulic thumb or clamshell bucket replacing the saw, or tracked carriages that have had modifications to allow the machine to work on steep grades. Operators are highly experienced in steep ground soil work and have knowledge, skills and abilities to construct firelines or rehabilitate firelines to near natural conditions.

ENGB Single Resource Engine Boss

FS Forest Service

FLYWHEEL HORSEPOWER RATING Horsepower rating taken at the flywheel with all the engine accessories installed not counting transmission losses or anything after the flywheel.

FMCSA Federal Motor Carrier Safety Administration

FOAM APPLICATION SYSTEM

- **Manually Regulated Proportioning System** A proportioning system that requires manual adjustment to maintain the proportioning ratio when there is a change of flow or pressure through the foam proportioner. Typical manually regulated foam systems include: Suction side proportioner, in-line eductor, around-the-pump proportioner and direct injection manually regulated proportioners. Examples of manually regulated foam systems include but are not limited to:
 1. Blizzard Wizard
 2. Scotty foam inductor
 3. Foam Flo
- **Automatic Regulating Proportioning System** – A proportioning system that automatically adjusts the flow of foam concentrate into the water stream to maintain the desired proportioning ratio. These automatic adjustments are made based on changes in water flow or conductivity. Typical automatic regulating proportioning systems include: Balanced pressure venturi proportioning systems, water motor meter proportioner systems, direct injection automatic regulating proportioners. Examples of automatic regulating proportioning systems include but are not limited to:
 1. Foam Pro-1601/2001
 2. Robwen 500
 3. Darley Fast-foam system
 4. Aquis 1.5/2.5 foam system

GACC Geographic Area Coordination Center

GAWR Gross Axle Weight Rating

GOVERNMENT United States Department of Agriculture Forest Service (USDA-FS), National Park Service (NPS), Bureau of Land Management (BLM), Bureau of Indian Affairs (BIA), and United States Fish & Wildlife Service (USF&WS), Federal Emergency Management Agency (FEMA) **Put Cooperators (States) in here**

GOVERNMENT REPRESENTATIVE Those employees of the agencies listed under the definition of Government that have a designation in writing or are designated by their position.

GVAW Gross Vehicle Axle Weight

GVWR Gross Vehicle Weight Rating

HOST DISPATCH CENTER Interagency dispatch center responsible for dispatching resources under this agreement.

HOST DISPATCH ZONE

ICS Incident Command System

IIBMH Interagency Incident Business Management Handbook

IPT Iron Pipe Thread

INCIDENT An occurrence or event, either human-caused or natural phenomena, that requires action by emergency service personnel to prevent or minimize loss of life or damage to property and/or natural resources.

INITIAL ATTACK A p

The objective of initial attack is to stop the spread of the wildfire and suppress it at least cost. An aggressive suppression action that is consistent with firefighter and public safety.

LOW GROUND PRESSURE EQUIPMENT Equipment with wide pads, designed by the manufacturer to operate in wet, soft or sandy terrain.

NH National Hose Thread

NPSH National Pipe Standard Hose

ON SHIFT Includes time worked, time that equipment is held or directed to be in a state of readiness, and compensable travel (equipment traveling under its own power) that has a specific start and ending time.

OPERATIONAL PERIOD Equal to one shift, an operational period is defined by the incident action plan.

ORDINARY WEAR AND TEAR Equipment furnished under this agreement may be operated and subjected to extreme environmental and/or strenuous operating conditions which could include but is not limited to unimproved roads, steep, rocky, hilly terrain, dust, heat, and smoky conditions. As a result, by entering into this agreement, the contractor agrees that what is considered wear and tear

under this agreement is in excess of what the equipment is subjected to under normal operations and is reflected in the rates paid for the equipment.

POINT OF HIRE

dispatch.

POINT OF RELEASE The location from which a contractor is released upon expiration or termination of required services. This point may be the same as the point of hire.

PROPERTY

- **Accountable Property.** Items with a purchase price of \$5,000 (USDA, USDI) or more, or items that the incident agency considers sensitive, such as cameras, computers, chainsaws, and radios, are accountable and are marked with an agency identification number.
- **Durable Property.** Durable properties are those non-accountable items that have a useful life expectancy greater than one incident (e.g., sleeping bags, water handling accessories, tents, headlamps, tools). This property may be marked with paint or etching to show or an agency specific marking.
- **Consumable Goods.** Consumable goods are items normally expected to be consumed on the incident (e.g., batteries, Meals Ready to Eat, plastic canteens, petroleum products). This property is not marked.

RON Remain Over Night

ROSS Resource Ordering and Status System

SEVERITY The class of assignments that are related to pre-suppression activities. Examples of appropriate severity activities may include but not limited to standby at the host unit, limited patrol, tool sharpening, or other activities that do not unduly interfere with fire readiness and a 10 minute mobilization response time. Increase the level of pre-suppression capability and fire preparedness when predicted or actual burning conditions exceed those normally expected, due to severe weather conditions.

SJRL Synthetic Jacket Rubber Lined Hose

SOFTTRACK A machine constructed to carry water, mounted on a carrier, equipped with a track that is able to conform to varying ground conditions by torsion bar mounted road wheels. These road wheels allow the track to travel up and down to keep the track surface in constant contact with the ground over rough surfaces. These machines can travel at a speed of over 12 miles per hour on flat surfaces.

SUPPRESSION All the work of extinguishing or confining a fire beginning with its discovery.

SUSPENSION

- **Air Bag** A suspension designed with two (2) air bags per wheel or four (4) air bags per axle. Air bag suspensions were developed for over the road conditions. While this suspension is acceptable, the process where the air bags inflate and deflate to try and maintain an even ride is not as desirable due to the non-static load associated with a tank of water.

- Vocational Duty All other axle configurations including the walking beam, spring, and trailing arm with two (2) air bags per axle shall be identified as vocational style suspension.
- 2-axle trucks must have a locking (e.g., e-locker/interlock) rear end to get points; no points are allowed for non-locking differentials.

UNDER HIRE Refer to D.21.8

WHEEL CHOCKS

-
- Type 3 and 4 Engines and ALL Tenders shall be equipped with a wheel chock constructed with a height of 8 7
- Wheel chock must have a solid bottom or ribbing on the bottom to prevent from sinking in soft soil.
- Wheel chock must have the face beveled at a 30-50 degree angle.
- Wheel chock base must be 1.4 times the height or greater.
- Or the manufacturer specifies the chocks meet SAE J-348, NFPA 1901, or NFPA 1906 for the size of the vehicle.

WORK/REST Refer to D.6.7

EXHIBIT B PAYMENT OFFICE INFORMATION

FOREST SERVICE

Incident Payment Center
101B Sun Drive NE
Albuquerque, NM 87105

1-877-372-7248

BUREAU OF LAND MANAGEMENT

National Business Center
PO Box 25047, Bldg 50
Denver Federal Center
Denver, CO 80225-0047
Mail Stop BC-620

303-236-7117

NATIONAL PARK SERVICE

Attn: Debbie Townsend
13461 Sunrise Valley Dr
Herndon, VA 20171

703-487-9310

EXHIBIT C - HARASSMENT FREE WORKPLACE POLICY

POLICY: The National policy states: The Forest Service will not tolerate harassment based on race, national origin, religion, age, mental or physical disability, color, sex, or any other non-merit factors.

The Forest Service strives for a harassment-free work environment where people treat one another with respect. Managers, supervisors, and all employees, as well as our contractors, cooperators and

EXHIBIT D DOL WAGE DETERMINATION

EXHIBIT E - Standard Contractor Performance Report

Highlighted blocks are required to be completed.

Evaluation Type: Interim _ Final _ (check one)			
Evaluating Organization <i>(Fire Name):</i>		Reporting Period: From to	
Contracting Office:		Contract Number:	Order Number <i>(Resource Order/Incident #):</i>
Contractor Name:		Contractor Address:	
DUNS:		City:	State:
Additional or Alternate Contractor Name:		Zip/Postal Code:	Country:
TIN:	Industrial Code (NAICS):	Commodity Code:	Contract Type:
Contract Award Date:		Contract Expiration Date:	Contract Value:
Requirement Description <i>(Equipment Type):</i>			

Ratings

Summarize contractor performance and check the number which corresponds to the rating for each rating category
(See attached Rating Guidelines).

Quality of Product or Service *(How did the Contractor perform, document any noncompliance or performance issues)*

_0=Unsatisfactory	_1=Poor	_2=Fair	_3=Good	_4=Excellent	_5=Outstanding
Government Comments for Quality of Product or Service (2000 characters maximum):					

Timeliness of Performance *(Did the Contractor arrive when expected, demob timely; and perform the work in a timely manner)*

_0=Unsatisfactory	_1=Poor	_2=Fair	_3=Good	_4=Excellent	_5=Outstanding
Government Comments for Timeliness of Performance (2000 characters maximum):					

Business Relations *(Did the Contractor perform in a business-like manner; complete administrative requirements timely)*

_0=Unsatisfactory	_1=Poor	_2=Fair	_3=Good	_4=Excellent	_5=Outstanding
Government Comments for Business Relations (2000 characters maximum):					

Additional Info

Contractor Key Personnel

Contractor Manager/Principal Investigator (*Owner's Name*):

Government Comment on Contractor Manager/Principal Investigator (2000 characters maximum): *(If applicable, describe working relationship with government representatives for this assignment)*

Contractor Key Person (*Equipment Operator's Name*):

Government Comment on Contractor Key Person (2000 characters maximum): *(Describe working relationship with government representatives for this assignment)*

Customer Satisfaction

Is/was the contractor committed to customer satisfaction? ☐ Yes ☐ No *(Check one)*

Would you recommend the selection of this firm again? ☐ Yes ☐ No *(Check one)*

Government Comments on Customer Satisfaction (2000 characters maximum): *If no to either of above, explain below)*

Admin Info

Project Officer/COTR *(Individual completing the evaluation)*

Name: _____

Phone: _____

Fax: _____

E-mail Address: _____

Contractor Representative

Name:

Phone:

Fax:

E-mail Address:

Alternate Contractor Representative

Name:

Phone:

Fax:

E-mail Address:

Contracting Officer:

Name:

Phone:

Fax:

E-Mail Address:

Rating Guidelines

Quality of Product or Service

Unsatisfactory	Non-conformances are jeopardizing the achievement of contract requirements, despite use of Agency resources. Recovery is not likely. If performance cannot be substantially corrected, it constitutes a significant impediment in consideration for future awards containing similar requirements.
Poor	Overall compliance requires significant Agency resources to ensure achievement of contract requirements.
Fair	Overall compliance requires minor Agency resources to ensure achievement of contract requirements.
Good	There are no, or very minimal, quality problems, and the Contractor has met the contract requirements.
Excellent	There are no quality issues, and the Contractor has substantially exceeded the contract performance requirements without commensurate additional costs to the Government.
Outstanding	The contractor has demonstrated an outstanding performance level that was significantly in excess of anticipated achievements and is commendable as an example for others, so that it justifies adding a point to the score. It is expected that this rating will be used in those rare circumstances where contractor performance clearly exceeds the performance levels described as "Excellent".

0 = Unsatisfactory 1 = Poor 2 = Fair 3 = Good 4 = Excellent 5 = Outstanding

Timeliness of Performance

0 = Unsatisfactory 1 = Poor 2 = Fair 3 = Good 4 = Excellent 5 = Outstanding

Unsatisfactory	Delays are jeopardizing the achievement of contract requirements, despite use of Agency resources. Recovery is not likely. If performance cannot be substantially corrected, it constitutes a significant impediment in consideration for future awards.
Poor	Delays require significant Agency resources to ensure achievement of contract requirements.
Fair	Delays require minor Agency resources to ensure achievement of contract requirements.
Good	There are no, or minimal, delays that impact achievement of contract requirements.
Excellent	There are no delays and the contractor has exceeded the agreed upon time schedule.
Outstanding	The contractor has demonstrated an outstanding performance level that justifies adding a point to the score. It is expected that this rating will be used in those rare circumstances where contractor performance clearly exceeds the performance levels described as "Excellent".

Business Relations

0 = Unsatisfactory 1 = Poor 2 = Fair 3 = Good 4 = Excellent 5 = Outstanding

Unsatisfactory	Response to inquiries and/or technical, service, administrative issues is not effective. If not substantially mitigated or corrected it should constitute a significant impediment in considerations for future awards.
Poor	Response to inquiries and/or technical, service, administrative issues is marginally effective.
Fair	Response to inquiries and/or technical, service, administrative issues is somewhat effective.
Good	Response to inquiries and/or technical, service, administrative issues is consistently effective.
Excellent	Response to inquiries and/or technical, service, administrative issues exceeds Government expectation.
Outstanding	The contractor has demonstrated an outstanding performance level that justifies adding a point to the score. It is expected that this rating will be used in those rare circumstances where contractor performance clearly exceeds the performance levels described as "Excellent".

EXHIBIT F SAFETY STANDARDS

NOTICE: The following minimum contract standard shall be upheld at all times. The Contracting Officer or appointed representatives (COR) shall consider individuals who cannot meet these minimum requirements UNSAFE and may remove the individual or, if necessary the entire resource from the job site in accordance with the terms of the agreement specification:

A. Heat Stress

There are three forms of heat stress. The mildest is heat cramps. Heat stress can progress to heat exhaustion and eventually heat stroke. Heat stroke is a medical emergency! Delayed treatment can result in brain damage and even death. At the first sign of heat stress, stop work, get into the shade, and begin drinking fluid. See chapter 5 of Fitness and Work Capacity, 2nd ed. (1997). Heat Stress: NFES 1594, PMS-303-1 explains how to detect, treat & prevent heat stress. Cost is 10 cents each.

B. Smoke and Carbon Monoxide

For information on this subject call USDA Forest Service, Technology and Development Program, Publications, (406) 329-3978, and ask for Health hazards of Smoke, Recommendations of the Consensus Conference, April 1997 (Item Number 97512836). Copies are available free of charge in limited numbers.

C.

It is recommended that daily Six Minutes for Safety training be conducted that focuses on high risk and low frequency activities that fire personnel may encounter during a fire season. The NWCG website gives information on Six Minutes for Safety, go to www.nwcg.gov

D. Seat Belts

Seat belts will be available and used in any vehicle when in motion. It to ensure compliance.

E. Personal Protective Equipment (PPE) see Section D.2.1.2 of the specifications for a complete list of PPE

G. Incident Identification/ Qualification Card.

license, passport, state identification card, etc

H. Physical Demands

The work requires strenuous physical exertion for extended periods including walking, climbing, chopping, throwing, lifting, pulling and frequently carrying objects weighing fifty (50) pounds or more.

Added for Engine and Tactical Water Tender personnel:

All engine and tactical tender

arduous level. The fitness requirement is the ability to negotiate a three (3) mile hike with a 45-pound pack in 45 minutes.

and associated videos can be purchased from the Great Basin Fire Cache at the National Interagency Fire Center in Boise, Idaho. Th

can be accessed at www.nwcg.gov, in Publications. The Contractor(s) shall provide proof that their employee(s) has/have met this requirement upon request.

The Government reserves the right to monitor the administration of any classroom instruction, and Pack

I. Work/Rest/Driving/ and Length of Assignment Guidelines

Information on current agency policy on work/rest guidelines, length of assignment, days off and other fire business management information can be found at: www.nwcg.gov

EXHIBIT G EXAMPLE OF EMERGENCY EQUIPMENT SHIFT TICKET, OF-297

EMERGENCY EQUIPMENT SHIFT TICKET					E-16
NOTE: The responsible Government Officer will update this form each day or shift and make initial and final equipment inspections.					
1. AGREEMENT NUMBER 54-04R4-2-4567			2. CONTRACTOR (name) Jones Equipment		
3. INCIDENT OR PROJECT NAME LOST CREEK		4. INCIDENT NUMBER WIF-2-061		5. OPERATOR (name) PAUL JONES	
6. EQUIPMENT MAKE Caterpillar		7. EQUIPMENT MODEL Dozer, D6C		8. OPERATOR FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR <input type="checkbox"/> GOVERNMENT	
9. SERIAL NUMBER 47A89876		10. LICENSE NUMBER		11. OPERATING SUPPLIES FURNISHED BY <input checked="" type="checkbox"/> CONTRACTOR (wet) <input type="checkbox"/> GOVERNMENT (dry)	
12. DATE MO/DAY/YR	13. EQUIPMENT USE			14. REMARKS (released, down time and cause, problems, etc.) Paul Jones - Operator	
	START	STOP	HOURS/DAYS/MILES(circle one) WORK SPECIAL		
09/15/07	0600	1800	12		
				15. EQUIPMENT STATUS <input checked="" type="checkbox"/> a. Inspected and under agreement <input type="checkbox"/> b. Released by Government <input type="checkbox"/> c. Withdrawn by Contractor	
16. SIGNATURE Paul L. Jones, - Owner			17. SIGNATURE SAMUAL JONES - DIV SUP.		
			19. DATE SIGNED 09/15/07		

EXHIBIT H Insert exhibits on terms & conditions for states in your Geographic Area if applicable

**EXHIBIT I - CONTRACTOR ASSOCIATIONS AND PUBLIC
EDUCATION PROVIDERS**

Insert information on sources of training in your Geographic Area here.

EXHIBIT J ADVANTAGES**Engine Advantages**

Criteria	Attributes	Value	Importance Factor	Advantage Points
Gallons Hauled Type 6	150-225	97	2	194
	226-300	106		212
	301-399	115		230
Gallons Hauled Type 5	400-500	97	2	194
	501-625	106		212
	626-749	115		230
Gallons Hauled Type 4	750-850	97	2	194
	851-999	106		212
	1000-1500	115		230
Gallons Hauled Type 3	500-599	97	2	194
	600-749	106		212
	750-1500	115		230
Pump Performance Type 3,4,5,6	Acceptable	23.5	2	47
	Good	26.5		53
	Excellent	28		56
Age	10+ years	25	1	25
	8-9 years	26		26
	6-7 years	27		27
	4-5 years	28		28
	2-3 years	29		29
	Current Year to 1 year	30		30
Foam Proportioner System	Manually Regulated Proportioner	11	1	11
	Automatic Regulating Proportioner	12		12

Pressure and flow testing of Pumps

Testing will be conducted as close to the pump as possible using a calibrated, liquid-filled pressure gauge.

The following flows will result:

.520 diameter sharp edged orifice.

<u>Pressure</u>	<u>Flow</u>
100 psi	50 gpm
125 psi	56 gpm
150 psi	61 gpm

.716 diameter sharp edged orifice.

<u>Pressure</u>	<u>Flow</u>
250 psi	150 gpm
312.5 psi	167 gpm
375 psi	183 gpm

The resultant figures will be applied to the pump ratings as follows:

Type 3 engines

Pressure with .716 diameter sharp edged orifice installed

-
-
-

Type 4, 5, 6 engines

Pressure measured with a .520 diameter sharp edged orifice installed

-
-
-

Support Water Tender Advantages

<u>Criteria</u>	<u>Attributes</u>	<u>Value</u>	<u>Importance Factor</u>	<u>Advantage Points</u>
Gallons Hauled Type 3	1000-1499	94.5	2	189
	1500-1999	102.5		205
	2000-2499	111.5		223
Gallons Hauled Type 2	2500-2999	94.5	2	189
	3000-3499	102.5		205
	3500-3999	111.5		223
Gallons Hauled Type 1	4000-4499	94.5	2	189
	4500-4999	102.5		205
	5000 +	111.5		223
Suspension Type 1 and 2	Air Bag	23.5	2	47
	Vocational Duty	28		56
Suspension Type 3	Single Rear Axle	23.5	2	47
	Single Rear Axle with E-locker or Interlock	28		56
Age	16+ years	29	1	29
	12 years to 15 years	30		30
	8 years to 11 years	31		31
	4 years to 7 years	32		32
	Current year to 3 years	33		33
Spray Bar Configuration	Gravity F or R	13	1	13
	Gravity F & R	14		14
	Pressure F or R	15		15
	Pressure F & R	16		16

Tactical Water Tender Advantages

<u>Criteria</u>	<u>Attributes</u>	<u>Value</u>	<u>Importance Factor</u>	<u>Advantage Points</u>
Gallons Hauled Type 2	1000-1499	61.5	2	123
	1500-1999	69		138
Gallons Hauled Type 1	2000-2499	61.5	2	123
	2500 +	69		138
Monitor	None	57	1	57
	Manual	62		62
	Remote	66		66
Suspension	Air Bag	28.5	2	57
	Vocational Duty	33		66
Age	16+ years	22	1	22
	12 years to 15 years	23		23
	8 years to 11 years	24		24
	4 years to 7 years	25		25
	Current year to 3 years	26		26
Spray Bar Configuration	Gravity F or R	17	1	17
	Gravity F & R	18		18
	Pressure F or R	19		19
	Pressure F & R	20		20
Foam Proportioner System	Manually Regulated Proportioner	11	1	11
	Automatic Regulating Proportioner	12		12

EXHIBIT K DATA SHEETS

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EXHIBIT L GEOGRAPHIC AREA MAP

OPTIONAL - Insert the URL where a map of your Geographic Area is located.

EXHIBIT M FORMS AND CHECKLISTS

This inspection form is to be used in conjunction with Optional Form 296

ENGINE INSPECTION FORM **PASS** **FAIL**

[illegible]

Engine Inspection Form				
Company Name:		Date of Inspection:		Equipment ID #
Minimum Engine Inventory continued			Yes	No
Specific Requirements			Yes	No
Additional Vehicle Safety Items (Minimum Requirements)			Yes	No
Personal Protective Equipment			Yes	No
Pump Accessories			Yes	No
Compressed Air Foam System (CAFS)			Yes	No
Foam Proportioner System (check one)		Manually Regulated Proportioner _____	Automatic Regulating Proportioner _____	
Water Tank Firmly Attached to Frame or structurally sound flat bed			Yes	No
Pump Type (check one)				
			Yes	No
Vehicle Tires				

[illegible]

COMPONENTS	WILDLAND ENGINES			
	3	4	5	6
PUMP RATING				
Minimum flow (GPM)	150	50	50	50
@ Rated pressure (PSI)	250	100	100	100
Tank Capacity (GAL)				
MIN	500	750	400	150
MAX	1500	1500	749	399
Hose (feet)				
1 1/2 inch	1000	300	300	300
1 inch	500	300	300	300
¾ inch Garden Hose	300	300	300	300
	100	100	100	100
Pump and Roll	Yes	Yes	Yes	Yes
Foam Proportioner System	Yes	Yes	Yes	Yes
Maximum GVWR (lbs.)	-	-	26,000	19,500
Personnel Required	3	3	3	3

CHAINSAW AND CHAINSAW KIT INSPECTION CHECKLIST
(Wildland Engines Only)

(Minimum Engine Power required is 3.0 cubic inches)

MANUFACTURER _____

Model Number: _____ **Serial Number:** _____

CHAINSAW:	YES	NO
No Visible parts broken		
All visible nuts and bolts tight		
Oil in chain oil reservoir		
Proper Exhaust system and spark arrester		
Started and checked the engine, idles evenly, runs smoothly, satisfactory power; on/off kill switch works		
Guide Bar is at the minimum of 18 inches and not bent or damaged		
Pull rope functions properly		
Chain brake works properly		
CHAINSAW KIT:		
1 CHAINSAW KIT BAG OR BOX TO STORE COMPLEMENT		
1 Combination Bar/ Sparkplug wrench		
1 SPARE SPARK PLUG to fit saw		
1 PINT OF SPARE ENGINE OIL FOR ENGINE FUEL MIXTURE		
1 PAIR OF WRAP AROUND LEG SAFETY CHAPS		

This inspection form is to be used in conjunction with Optional Form 296

SUPPORT WATER TENDER INSPECTION FORM

PASS

FAIL

<u>Company Name:</u>		<u>Date:</u>	
<u>Vehicle Identification</u>		<u>Odometer Reading</u>	
All Wheel Drive		Yes	No
Markings Posted on Vehicle		Yes	No
<u>Vehicle Licensing</u>		Yes	No
<u>Vehicle Weight</u>			
<u>Minimum Tender Inventory</u>		<u>Satisfactory?</u>	
		Yes	No
<u>GPM of Pump</u>			
		Yes	No
		Yes	No
Discharge Outlets			
		Yes	No
		Yes	No
Suspension			
Spray Bar Configuration			
or	&	or	&

This inspection form is to be used in conjunction with OPTIONAL FORM 296
TACTICAL WATER TENDER INSPECTION FORM **PASS** **FAIL**

[illegible]

MANIFEST

Manifest EFFECTIVE DATES: _____ TO _____

ORDERING OFFICE AND NAME OF DISPATCHER (DISPATCH LOCATION)		FIRE NAME AND UNIT (DESTINATION)				RESOURCE ORDER NUMBER	
NAME OF CONTRACTOR		UNIQUE VEHICLE NUMBER				AGREEMENT NUMBER	
TIME OF DEPARTURE (DISPATCH LOCATION):		TIME OF ARRIVAL TO (FINAL DESTINATION):				DO YOU HAVE THE PERSONNEL TO ROTATE CREWS? Y or N	
INTERMEDIATE STOPS (PLACE)	ARR TIME	DEP TIME	PLACE		ARR TIME	DEP TIME	PLACE
EMPLOYEE NAME		M	F	POSITION	LAST NIGHT NOT SPENT ON FIRE ASSIGNMENT (DATE)		UNIQUE EMPLOYEE NUMBER (NO SSN)
1.							
2.							
3.							
4.							
5.							
6.							
SIGNATURE OF AUTHORIZED REPRESENTATIVE							DATE

THE CONTRACTOR SHALL MAINTAIN A CURRENT MANIFEST AT ALL TIMES IN FINANCE**ROTATION OF PERSONNEL WILL ONLY BE ALLOWED UPON APPROVAL OF THE OPERATIONS CHIEF****EXAMPLE**Manifest EFFECTIVE DATES: 8/11/2007 TO UNK

ORDERING OFFICE AND NAME OF DISPATCHER (DISPATCH LOCATION)	FIRE NAME AND UNIT (DESTINATION)	RESOURCE ORDER NUMBER
NAME OF CONTRACTOR	CLARK FIRE WILLAMETTE NF UNIQUE VEHICLE NUMBER	E-78 AGREEMENT NUMBER

EXHIBIT N QUALIFICATIONS

WILDLAND FIRE PERSONNEL QUALIFICATION REQUIREMENTS

I. Purpose:

The purpose of this exhibit is to define the qualifications
be certified in each Incident Command System

B. ADVANCED FIREFIGHTER/SQUAD BOSS (FFT1)

1. REQUIRED TRAINING

Advanced Firefighter Training (S-131)
 Look Up, Look Down, Look Around (S-133) NOTE: Required after 1/06 for FFT1
 Annual Fireline Safety Refresher (RT-130)

2. ADDITIONAL TRAINING WHICH SUPPORTS DEVELOPMENT OF KNOWLEDGE AND SKILLS

Portable Pump and Water Use (S-211)
 Power Saws (S-212)

3. EXPERIENCE

Satisfactory performance as a Firefighter (FFT2). After the FFT2 has completed this experience requirement they may be considered for becoming a Trainee FFT1.

AND

Satisfactory performance for a total of fifteen (15) operational periods on three (3) separate wildland fire incidents as an Advanced Firefighter/Squad Boss (FFT1) on a wildland fire incident.

4. PHYSICAL FITNESS Arduous

5. ONCE CERTIFIED AS FFT1, OTHER ASSIGNMENTS THAT WILL MAINTAIN CURRENCY OF THAT CERTIFICATION

Any higher position for which this position is a prerequisite.

- A person must have at least one qualifying assignment every five (5) years to maintain a current certification in a position.

C. FIREFIGHTER (FFT2)

1. REQUIRED TRAINING

Firefighter Training (S-130)
 Introduction to Fire Behavior (S-190)
 Introduction to ICS (I-100)
 Human Factors on the Fireline (L-180) NOTE: Required after 1/06 for FFT2
 Annual Fireline Safety Refresher (RT-130) NOTE: Not Required with first year FFT2

2. The FFT2 position does not require completion of the FFT2 Position Task Book.

3. EXPERIENCE None

4. PHYSICAL FITNESS Arduous

5. ONCE CERTIFIED AS FFT2, OTHER ASSIGNMENTS THAT WILL MAINTAIN CURRENCY OF THAT CERTIFICATION

None (Only FFT2)

- A person must have at least one qualifying assignment every five (5) years to maintain a current certification in a position.

D. SUPPORT WATER TENDER OPERATOR**1. REQUIRED TRAINING**

Annual Fireline Safety Refresher (RT-130)

2. EXPERIENCE None**E. SEQUENCE FOR ENGINE PERSONNEL:****TABLE 1. SEQUENCE FOR POSITION CERTIFICATION**

Firefighter FFT2	<ol style="list-style-type: none"> 1. Complete S-130/S-190/I-100/L-180 training. 2. Pass work capacity fitness test (pack test). 3. Become certified as an FFT2. 4. Work wildfire incidents. This meets requirement for satisfactory performance as a FFT2. 5. Eligible to be considered for FFT1 Trainee once #1 through #4 above are met.
Advanced Firefighter/ Squad Boss	<ol style="list-style-type: none"> 1. Complete S-131/S-133. 2. FFT1 task book is issued following S-131/S-133 training making the firefighter an FFT1 Trainee. 3. Complete Annual Fireline Safety Refresher (RT-130) training prior to next season. 4. Pass work capacity fitness test (pack test) prior to next season. 5. As an FFT1 Trainee, work on wildfire incidents and complete the FFT1 task book. This meets requirement for satisfactory position performance as an FFT1. 6. Become certified as an FFT1. 7. Work on wildfire incidents. This meets requirement for satisfactory performance as a FFT1/Squad Boss. 8. Eligible to be considered for ENGB Trainee once #1 through #7 above are met.
Single Resource Boss Engine (ENGB)	<ol style="list-style-type: none"> 1. Complete S-230 / S-290. 2. ENGB task book is issued following S-230 & S-290 training making the firefighter an ENGB Trainee. 3. Complete Annual Fireline Safety Refresher (RT-130) training prior to next fire season. 4. Pass work capacity fitness test (pack test) prior to next fire season. 5. As an ENGB Trainee, work on wildfire incidents and complete the ENGB task book. This meets requirement for satisfactory position performance as an ENGB. 6. Become certified as an ENGB.

- NOTE:
1. A firefighter may work on only one task book at a time
 2. All required prerequisite experience must be completed before the firefighter can begin working on the task book for the next higher position.

WATER HANDLING CONTRACTOR RECORDS FORMAT & VERIFICATION FORM**A. EMPLOYEE FILE SYSTEM CREATION AND MAINTENANCE**

The **ENGINE and/or WATER TENDER CONTRACTOR** (Vendor) shall maintain a file system which will contain position, wildfire/prescribed fire experience records, and fire assignment documents (i.e., assignment evaluations, etc.).

It is further recommended that a position-progressive format be maintained for each employee. In other words, an employee can not move from FFT-2 qualified to ENGB. Records must show, from the most recent to the first over time, that the individual has been trained and has performed each qualifying requirement in sequence to reach certification of

The file must be maintained in such a manner that easy verification and/or inspection can be accomplished when required. This file configuration meets inspection requirements for the Engine/Tender Agreements.

Following is a manual file system that can be implemented at each **CONTRACTOR** office. For the purpose of the Interagency Engine and Tender Agreement, the only elements that will be recorded are employee payroll name, **ENGINE and/or WATER TENDER CONTRACTOR** Company name and fire qualifications. The **ENGINE and/or WATER TENDER CONTRACTOR** certification (PTB and evaluation), current position qualification and next higher training position, and wildfire/prescribed fire experience records, and fire assignment documents (i.e., assignment evaluations, etc.).

B. RECORD SYSTEM CONTENT

Section 1 Employee Information:

- Employee payroll name
-

Section 2 - Employee Qualification and Certification Verification Summary:

- This should be a form that summarizes the employee's complete history for wildfire training, task book completion and incident experience. (see sample Employee Training and Qualification Summary Form below)

Section 3 Position Task Books: This section contains specific documentation of all applicable position task books.

- Highest ICS level PTB on top followed by progressively lower level PTBs.
- Completed PTBs and PTBs in progress should all be kept in this section of the file.
- All PTBs must include all pages.
- The PTB on file may be the original or a copy.

Section 4 Training Record: This section contains specific documentation of all wildfire training.

- Record of formal classroom training and support documentation (i.e., certificates, etc.)
- FFT2 files, as a minimum, must have a copy of the S-130 and S-190 basic firefighter training course certificate, signed by a recognized instructor. L-180 is required for FFT2s beginning in 1/06.
- FFT1 files, as a minimum, must have everything a FFT2 file has plus a training certificate, signed by a recognized instructor. S-131/S-133 are required for FFT1s beginning in 1/06.
- ENGB files, as a minimum, must have everything a FFT1 file has plus training certificates, signed by a recognized instructor, from both S-230 and S-290.
- WTOP files, as a minimum, must have a copy of the S-130 and S-190 basic firefighter training certificates.
- All returning firefighters (FFT2, FFT1, and ENGB) must have a copy of the course roster or certificate that contains their name, signed by Training (RT-130) session they have attended.

Section 5 Incident Experience: This section contains specific documentation of all wildfire and prescribed fire assignments including Training and Position Evaluation Assignments.

- Documents in this section should be sorted by position with the highest level on top and lowest level on the bottom.
- The first (top) document in this section should be the employee's Incident Assignment History. (See sample form below.)
- Readable copies of any Incident Crew Evaluations (ICS 224) completed by **ENGINE and/or WATER TENDER CONTRACTOR'S** and **GOVERNMENT** evaluators.
- Readable copies of incident shift tickets from crews should be kept showing that the employee as a FFT2, FFT1 and/or ENGB. For incident assignments lasting longer than five (5) operational periods, only the first five day's and the last day's shift tickets need to be kept in the file.

Section 6 Physical Work Capacity Fitness Test: This section contains specific documentation of all fitness tests taken and passed.

- All files must have a pack test roster or similar document that contains their name, signed by the test administrator, from the current year and any previous year pack tests they have taken and passed.
- The document must show the test's location, date taken, level of the test and the time it took the individual to complete the test.

Refer to the next two pages for copies of the Incident Assignment History Record and Employee Training and Qualification Summary Form.

INCIDENT ASSIGNMENT HISTORY RECORD

Name of Individual			
Qualified position for which this record corresponds (check only 1 for Engine Crew)	ENGB	FFT-2	FFT-1
	_____	_____	_____

[illegible]

*Incident Kind – WF = Wildfire, RX = Prescribed Fire, AH = All Hazard

INDIVIDUAL EMPLOYEE TRAINING VERIFICATION FORM**Interagency Water Handling Agreement**

Employee Name: Government Issued Photo Identification Verified (e.g. Drivers License, Passport, etc.) _____ If CDL with Tank Endorsement Required verify; Y_____ N_____ Medical Certificate if Required, verify; Y_____N_____ PACK TEST Arduous or Light (circle as appropriate) Time_____ Date_____	Qualified ICS Position:
Contractor/Company:	Hiring Date:

WILDLAND FIRE COURSES & POSITION TASK BOOKS COMPLETED

(Certification of Training Must Be In Employee's Training File)

ICS Position	Required Course/PTB	Month & Year Of Training Or PTB Completed	Instructor, Institution or PTB Certifier	Location &/or Phone # of Instructor, Institution or Certifier
Firefighter II	S-130			
	S-190			
	I-100			
	L-180 (1/06+)			
Firefighter I	S-131			
	S-133 (1/06+)			
	PTB			
ENGB	S-230			
	S-290			
	PTB			
All Positions (Support Water Tender, FFT2, FFT1 & ENGB)	IS-700a			
All Positions (Support Water Tender, FFT2, FFT1 & ENGB) *Required Annually	RT-130 Annual Fireline Safety Refresher			

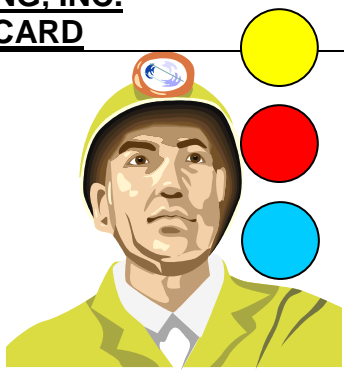
Wildland Fire Experience
 (List the Previous 5 Years Wildland Fire Experience)

YEAR	POSITION	INCIDENT NAME	LOCATION (City & Agency)	Fire Size (Acres)	Number of Days Worked
Signature of Contractor (or representative)		Contractor/Representative (Print Name)		Phone Number	Date of Submission

Incident Identification/Qualification Card

EXAMPLE INCIDENT IDENTIFICATION / QUALIFICATION CARD

This is the required minimum information. The sample card pictured below is an example only. Identification cards need not necessarily adhere to this format.

<u>JONES CONTRACTING, INC.</u> <u>IDENTIFICATION CARD</u>	
Name:	
Employee Number:	
(Pack Test level)	
Language Evaluation (SLE/SLS)	
<div style="display: flex; justify-content: space-between;"> <div>CRWB</div> <div>10-07-02</div> </div> <div style="display: flex; justify-content: space-between;"> <div>ENGB</div> <div>06-10-03</div> </div>	

CARD IDENTIFIER COLOR CODE (shown in example as dots):

YELLOW	For employees with LESS THAN ONE SEASON
RED	For employees with ONE SEASON OR MORE
BLUE	For SUPERVISORY employees (ENGB, FFT1, CRWB, STCR, STEN, ICT5)

BACK OF CARD

MOU Provider Name PO Box 1234 Anywhere, OR 97111 541-555-1234		
Additional Skills		Additional Positions
Sawyer 05-12-96		FFT1 08-20-00
Certified Class B Faller 10-12-98		FFT2 05-24-99
Driver Training 05-03-00		
EMT/FIRST AID/CPR 06-10-07		
Owner Signature	Issue date	
Verification by (signature)	(date)	(Affiliation)
Verification by (signature)	(date)	(Affiliation)

EXHIBIT O QUALIFICATIONS

TRAINING AND QUALIFICATIONS REQUIREMENTS FOR NON-NWCG ENTITIES

NWCG Standard Wildland and Prescribed Fire Agreement Provisions

The following are standard contract provisions pertaining to training and qualifications for wildland and prescribed fire contractors.

Minimum Qualifications

By signing this agreement or contract, the CONTRACTOR certifies that all employees hired by CONTRACTOR and employed in firefighting or prescribed fire operations meet the minimum qualification requirements pursuant to the following categories and defined by the Wildland Fire Qualification System Guide (PMS 310-1).

<http://www.nwcg.gov/pms/pubs/PMS310-1.pdf> Position qualification requirements are included in this section.

Engine Crews

Engine Crews must be supervised by and contain at least one Single Resource Engine Boss (ENGB). The remaining engine crew personnel must be minimally qualified as Firefighter (FFT2).

not in full compliance with the qualification requirements for the position they occupy. Failure of Position Task Book (PTB) or standard tasks of the position they occupy shall be cause for immediate release.

Proof of Qualifications

The CONTRACTOR will ensure that all employees possess a valid and current Wildland Fire Qualification System certification record. This certification card will identify the qualifications for the position the employee is occupying.

Information on the certification card shall include: name of the person typewritten or printed, list of position(s) the person is qualified for, the date they passed the work capacity fitness test

The certification card must be signed by the Certifying Official (Contractor or MOU Training

CONTRACTOR must maintain all documentation (training certificates, performance evaluations, proof of work capacity testing, and completed position task books) that supports qualifications.

The GOVERNMENT is not responsible for certifying or maintaining qualification records for validate the training and qualification records of vendor personnel periodically. The

certification card will be in the possession of each employee while assigned. The CONTRACTOR or their representative must also have a copy of this certification while assigned.

Training Requirements

- A. In addition to the training requirements defined by the 310-1, the CONTRACTOR shall ensure that all employees receive Annual Fireline Safety Refresher Training (RT-130). This training will include, at a minimum, “

<http://www.nifc.gov/wfstar/index.htm>

CONTRACTOR will ensure that all training received by employees meets the course content and instructor standards listed in PMS 907 (Course Coordinator Guide) and PMS 901-
Instructors used by Contractors for fire training must be recognized through a Geographic Area Coordinating Group Memorandum of Understanding or other formal agency agreement.

Contractor may use Government incidents, for which they are assigned, to qualify and certify employees for FFT1 and ENGB positions. Only one training position or evaluation assignment will be permitted per engine on each incident. The coach/evaluator must, as a minimum, be certified in the position(s) they are coaching or evaluating.

Position Performance Assignments

Position Task Books

The CONTRACTOR may allow employees to perform position performance assignments (task book assignments) in order to qualify for upper level positions, as long as the minimum engine crew position requirements are not compromised.

The Crew manifest shall clearly identify CONTRACTOR employees who are considered trainees while participating on an Incident.

Pursuant to PMS ining requiremenB417(o)10(o)10(k)10(s)JT1 0 0 [0 0menB417(o)10(.58 (i)4(s t)(s tv4(h/ev

The CONTRACTOR will maintain employee training, performance evaluations and experience records, including records and certification cards for workers that are hired subsequent to receiving a dispatch order, in such a manner that they can be easily obtained and available for inspection at any time during the Agreement period.

Upon written request from an employee or previous employee, within ten days the Contractor will make available copies of all documentation to the employee relative to the

B. Government Responsibilities

Contracting Officer may certification records for all employees prior to agreement award. The Contracting Officer may request employee training and experience records prior to award during spring inspections. The government reserves the right to review records and evaluate contractor the agreement period.